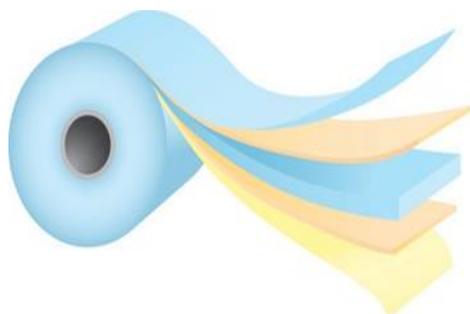


Pearlised White Metallised

BOPP Film

OPLAR

SPWM (A01) General Purpose



METALLISED SKIN
 MODIFIED INTERMEDIATE LAYER
 OPP CORE LAYER
 MODIFIED INTERMEDIATE LAYER
 UNTREATED HEAT SEALABLE SKIN

Product Features

- Pearlescent appearance
- Good opacity
- Good moisture and oxygen barrier
- Good runability on HFFS and VFFS

OPLAR-SPWM A01 grade is Pearlised White BOPP film with one side metallisation and other side sealable properties. The film ensures good moisture and gas barrier properties. This film performs well on all types of HFFS & VFFS machines.

Typical Applications

- Typically used as an inner web in lamination and can also be used as a monolayer
- Confectionary, snacks, ice cream & frozen food

Properties		Unit	Test Method	25	30	35	40
Nominal Thickness		Micron	Internal	25	30	35	38
Grammage		g/m ²	ASTM D 1505	18.8	22.5	26.3	30
Yield		m ² /kg	Internal	53.3	44.4	38.1	33.3
Density		g/cc	Internal	0.75			
SURFACE PROPERTIES							
Optical Density			Internal	2.2	2.2	2.2	2.2
MECHANICAL PROPERTIES							
Tensile Strength	MD	kg/cm ²	ASTM D 882	700	700	700	700
	TD			1400	1400	1400	1400
Tensile Elongation	MD	%	ASTM D 882	140	140	140	140
	TD			40	40	40	40
Elastic Modulus	MD	kg/cm ²	ASTM D 882	8000	8000	8000	8000
	TD			18000	18000	18000	18000
THERMAL PROPERTIES							
Shrinkage	MD	%	Internal	4	4	4	4
	TD			2	2	2	2
Heat Seal Range	UT	°C	Internal	110-145			
Heat Seal Strength	UT/UT	g/25mm	130°C/2 Bar/1 Sec	200	200	250	250
BARRIER PROPERTIES							
WVTR		g/m ² /day	ASTM F 1249	<0.5			
OTR		cc/m ² /day	ASTM D 3985	<60			

MD: Machine Direction, TD: Transverse Direction, TI: Treated Inside, TO: Treated Outside, UT: Untreated

Printability: Before processing of material refreshment with Corona treatment is strongly recommended. A suitable primer is also recommended when metallised surface is to be printed. Corona Treatment of the metallised film will decay with time & rapidity of the decay will depend upon length of storage & weather conditions. As a result we cannot guarantee for the period for which treatment will remain on the film.

Disclaimer: The information provided above is based on SRF FLEXIPAK conclusive tests, which are indicative only and provided as guidelines. Customers are solely responsible for the end use in all respects. Customers should verify the suitability of the film for its end use. SRF FLEXIPAK gives no warranty or accepts liability for any loss and fitness of the product for any specific purpose. SRF FLEXIPAK reserves the right to change the technical data sheet at any time for enhancing the quality of the product without prior information. **Storage Conditions** between 22-30°C & RH 40-60% is recommended in order to minimize the deterioration of the film properties in general. It is advisable to turn out the inventory on FIFO basis. The film should be conditioned in the operating environment for at least 24 hours before processing.

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